

IN THE SPECIFICATION

In the specification, please insert the following replacement paragraph beginning at page 28, line 17:

The removal process is illustrated in Fig. 7. If the option pack is removed while the system is on or in hibernation, the option pack detect signals, ODET[2:1]#, interrupt the processor to notify the system that the detect signals are inactive, as in block 150. The device manager starts a timer to allow the detect signals to debounce, as in block 152. Once the timer times out, it checks to verify the detect signals are still inactive, as in block 154. If the signals are active (option pack still installed) the sequence starts over. If the detect signals are inactive, the device manager subsequently deasserts OPT_ON (block 156), disables the buffers (block 158), and removes power to the V_{DD} pins. The application is also removed from the main unit 10 (block 160) to reduce the use of the memory in the main unit 10. For instance, the one or more applications and associated drivers may be uploaded from the main unit 10 back to the option pack 12.
